



Fig. 1

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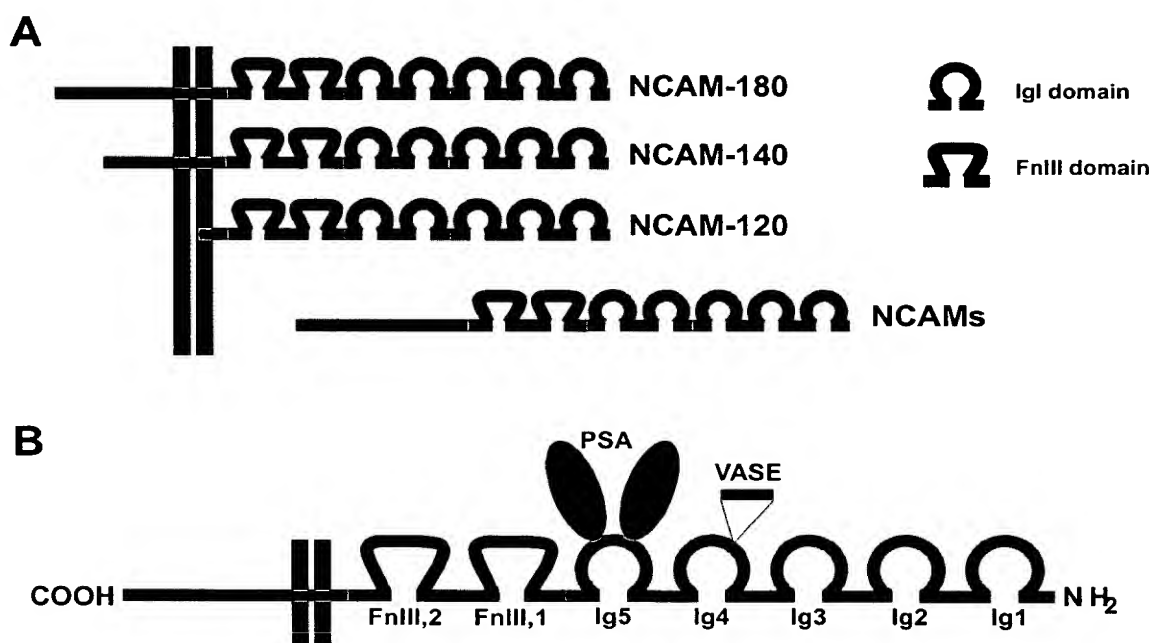


Fig. 2

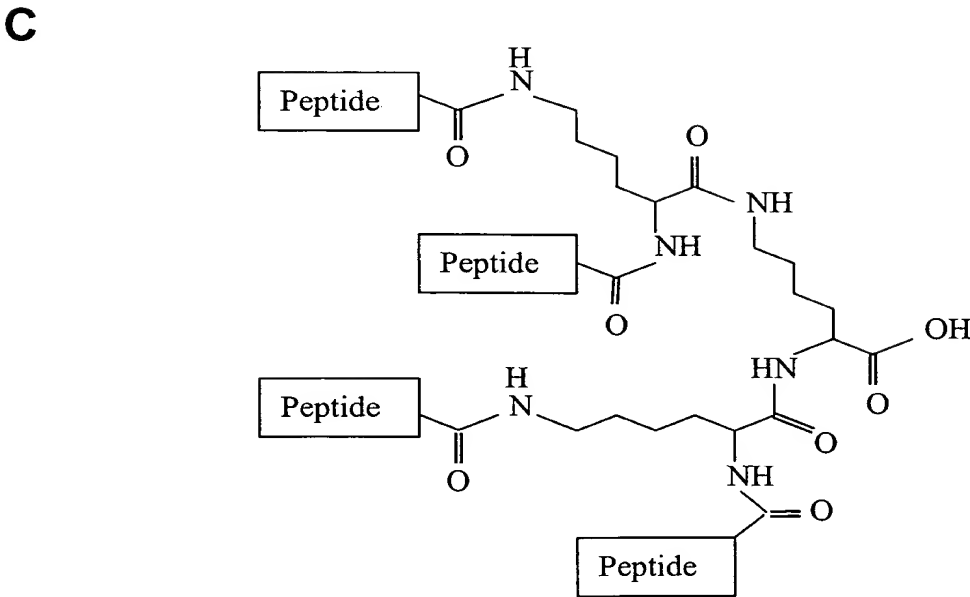
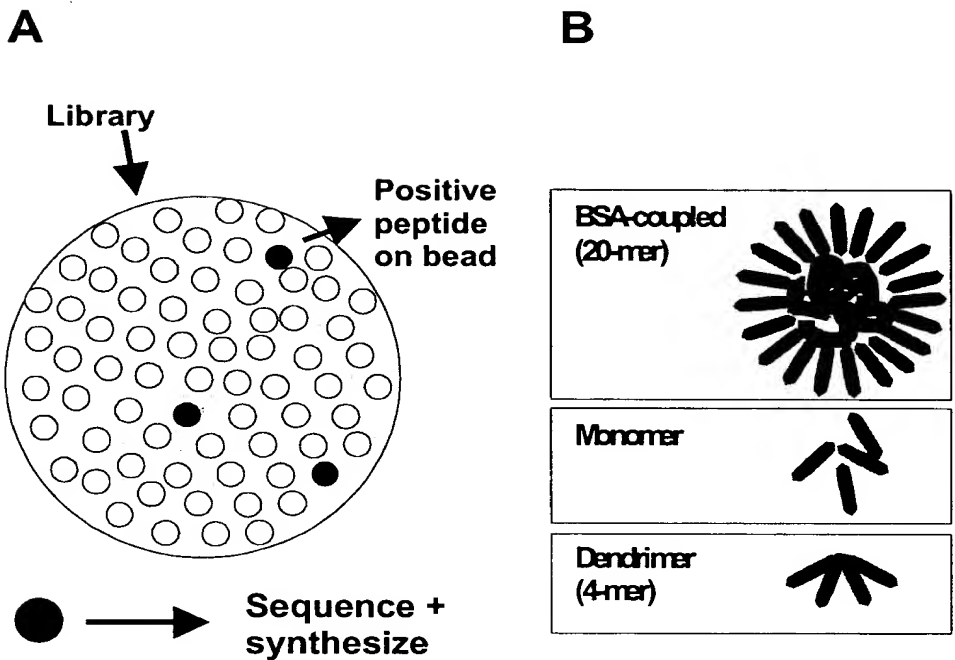


Fig. 3

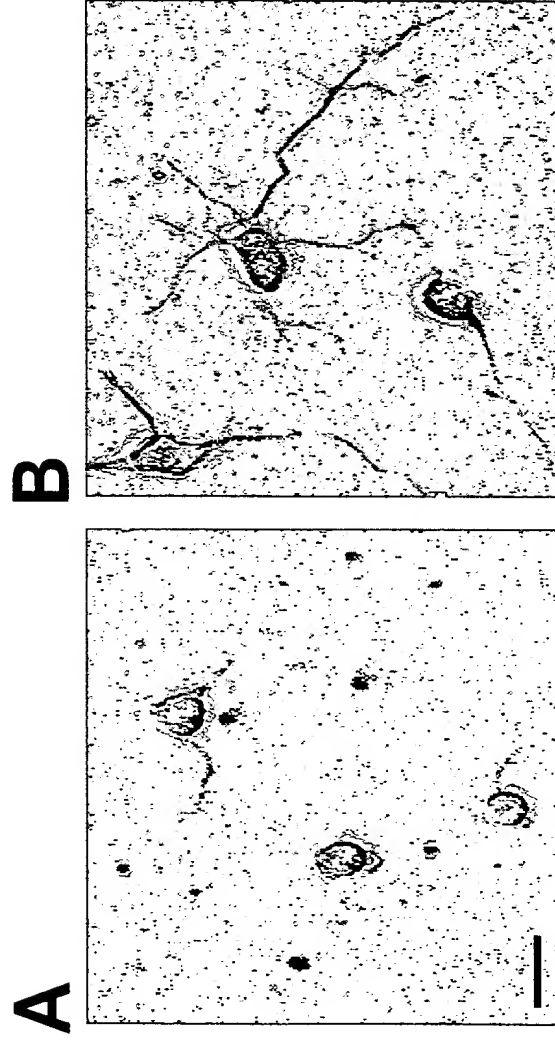


Fig. 4

A	<p> A R A L N W G A K P K A G S A V K L K K K A A K Y V L I P I R I S A S T K R S M Q G I A R R A I L M ^{QTN} A L A Y Y L I V R V N R I A T N K K T G R R P R A K R N G P L I N R I A K R S V Q K L D G Q A R Q K T M K P R R S A G D Y N P D L D R A S K K P K R N I K A A R K T R E R K S K D A S Q A K R R K G P R A P K L D R M L T K K A K K E K P N K P N D A Q M G R Q S I D R N A E G G K K K K M R A A K K E R Q R K D T Q A K K E Q K Q R N A A K S R K G N S S L M A R K S R D M T A I K </p>	<p>SEQ ID NO.:</p> <p>3 4 5 6 7 8 9 10 11 12 13 1 14 15 16 17 18 19 2 20 21 22</p>
B	<p> C3 A S K K P K R N I K A A K R N G P L I N R I A K R S V Q K L D G Q A S T K R S M Q G I A T N K K T G R R P R A R A L N W G A K P K A R Q K T M K P R R S </p>	<p>1 39 40 41 42 43 44</p>
C	<p> D3 A K K E R Q R K D T Q A K K E K P N K P N D A R K T K S R E R K D </p>	<p>2 45 46</p>
D	<p> D4 A R A L N W G A K P K A T N K K T G R R P R </p>	<p>3 47</p>

Fig. 5

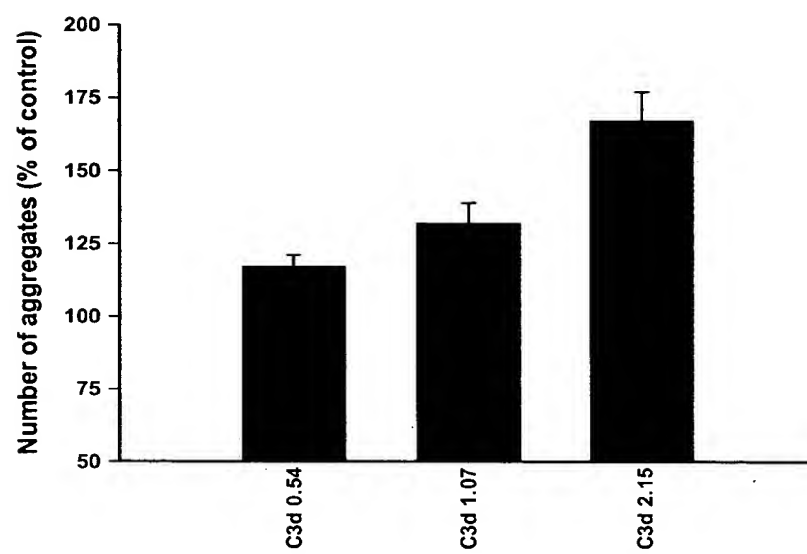


Fig. 6

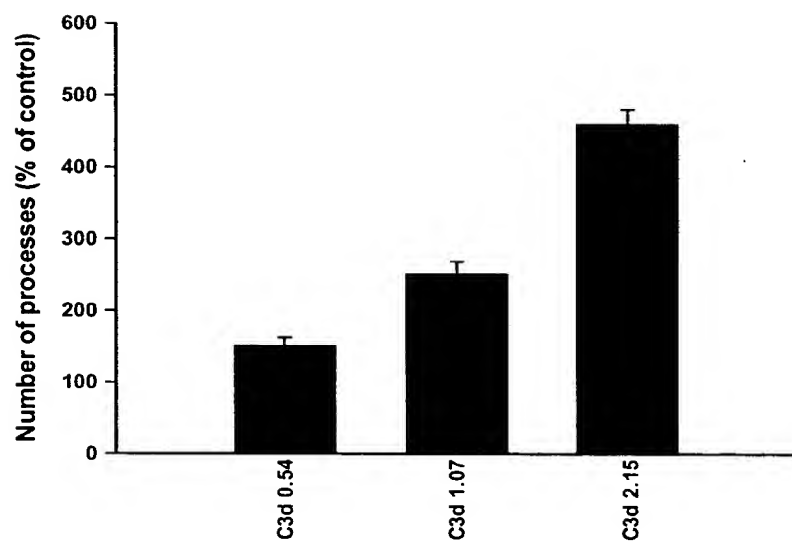


Fig. 7

NO.:	Peptide	Sequence	Neur	Effect*	Agg
1	C3	A S K K P K R N I K A	++		--
2	C3dactyl.K(120)	A S K# K# P K# R N I K# A	+		--
3	Ala subst K/R				
3	116	A S K K P K A N I K A	++		--
4	117	A S K K P A A N I K A	0		0
5	118	A S K A P A A N I K A	0		0
6	119	A S A A P A A N I K A	0		0
	P→A				
7	122	A S K K A K R N I K A	++		--
	Scrambled C3				
8	120	A K K K K R I S A N P	++		--
9	114	P N A S I R K K K A	++		--
10	C3scr	K N S P K A R I K A K	++		--
11	D3	A K K E R Q R K D T Q	++		--
12	scrambled D3	R T K Q D K A Q E R K	++		-
13	D4	A R A L N W G A K P K	++		--
14	scrambled D4	G L K R W A P N K A	++		-
15	K6 (dendrimer 115)	K K K K K	+		-

* effect on neurite extension (neur) and aggregation (agg)
acetylation on lysine

1. - SEQ ID NO.: 1	6. - SEQ ID NO.: 31	11. - SEQ ID NO.: 2
2. - SEQ ID NO.: 27	7. - SEQ ID NO.: 32	12. - SEQ ID NO.: 36
3. - SEQ ID NO.: 28	8. - SEQ ID NO.: 33	13. - SEQ ID NO.: 3
4. - SEQ ID NO.: 29	9. - SEQ ID NO.: 34	14. - SEQ ID NO.: 37
5. - SEQ ID NO.: 30	10. - SEQ ID NO.: 35	15. - SEQ ID NO.: 38

Fig. 8

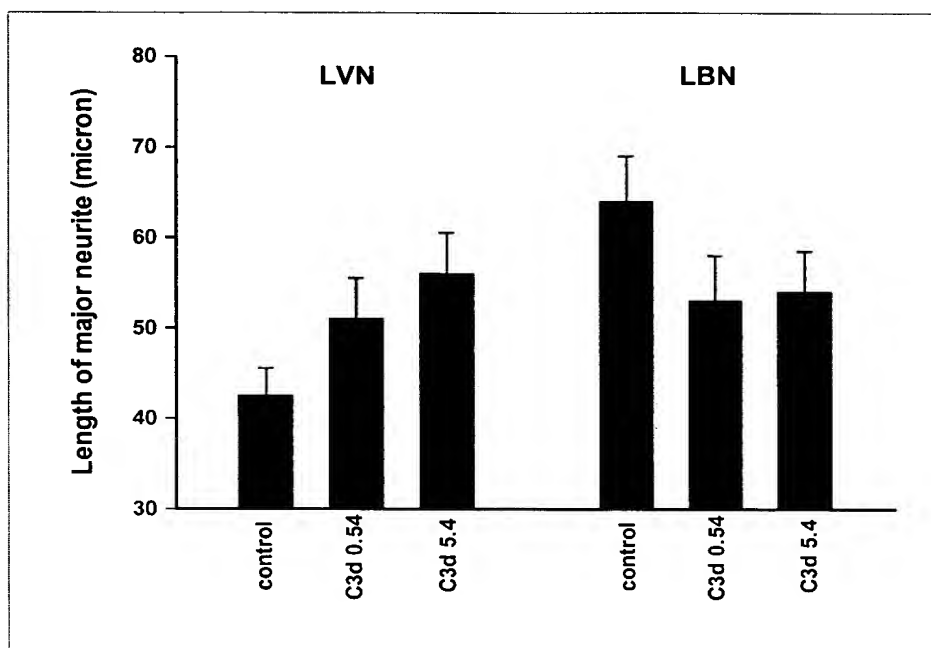


Fig. 9

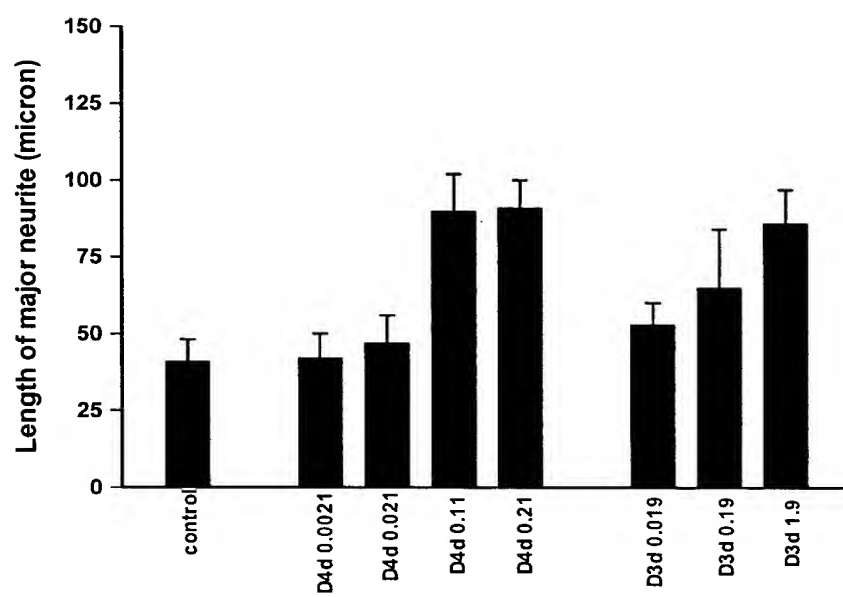


Fig. 10

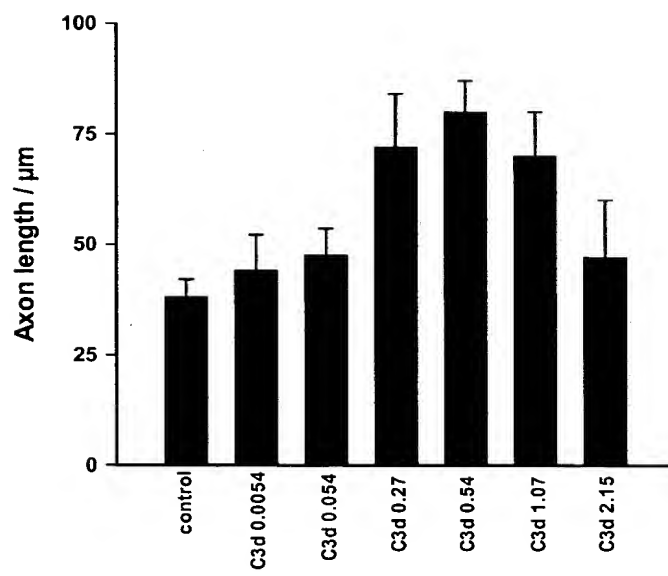


Fig. 11

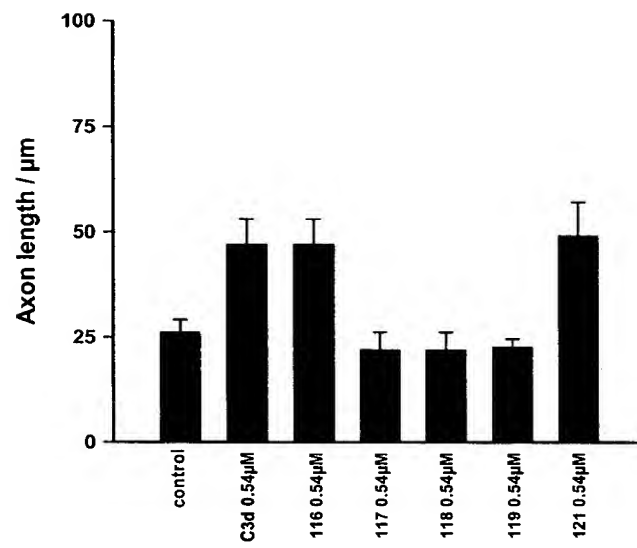


Fig. 12

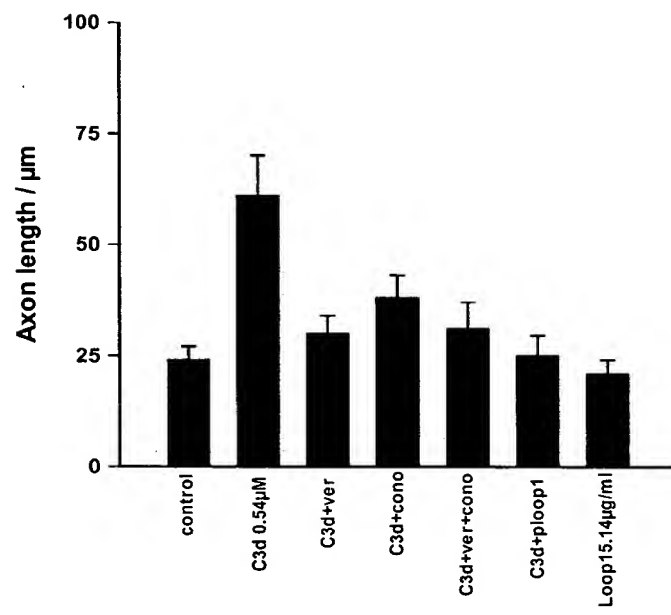


Fig. 13

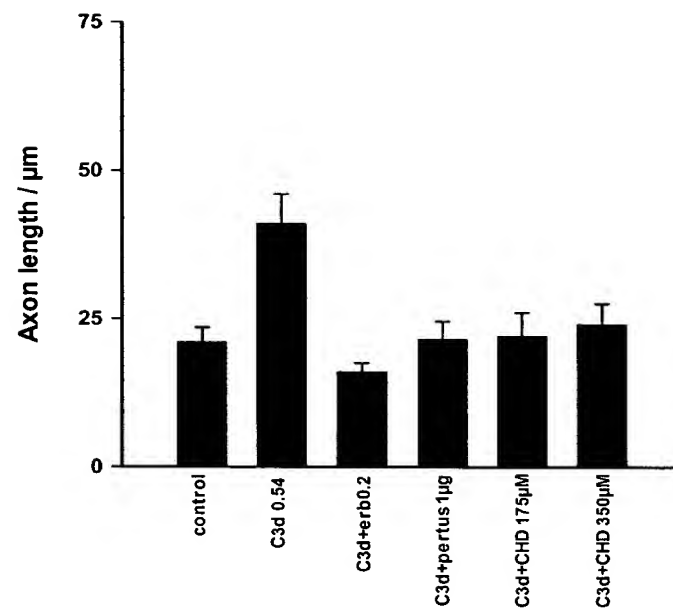


Fig. 14

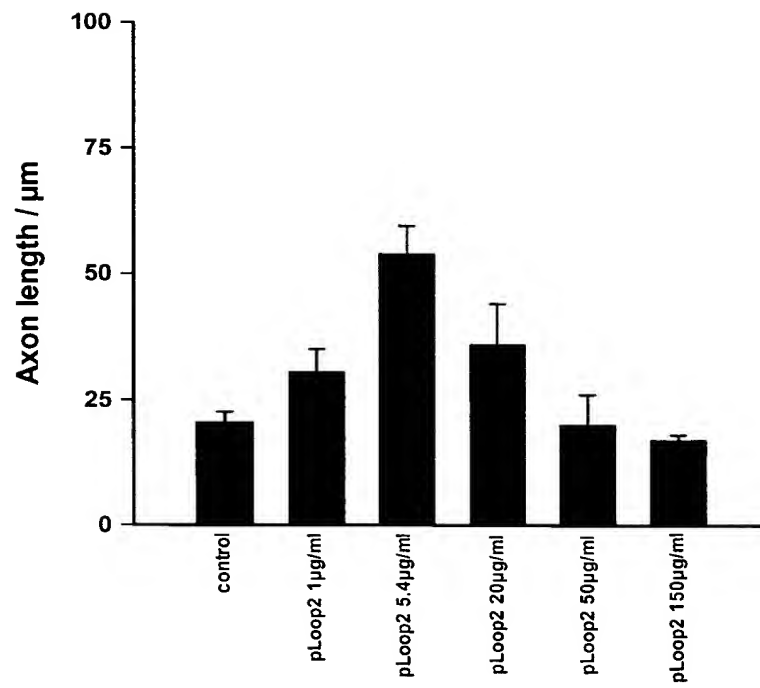


Fig. 15

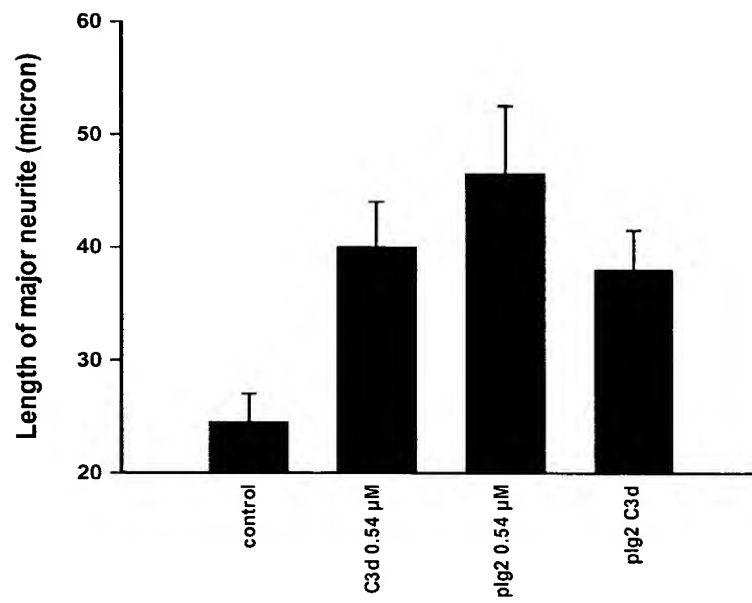


Fig. 16

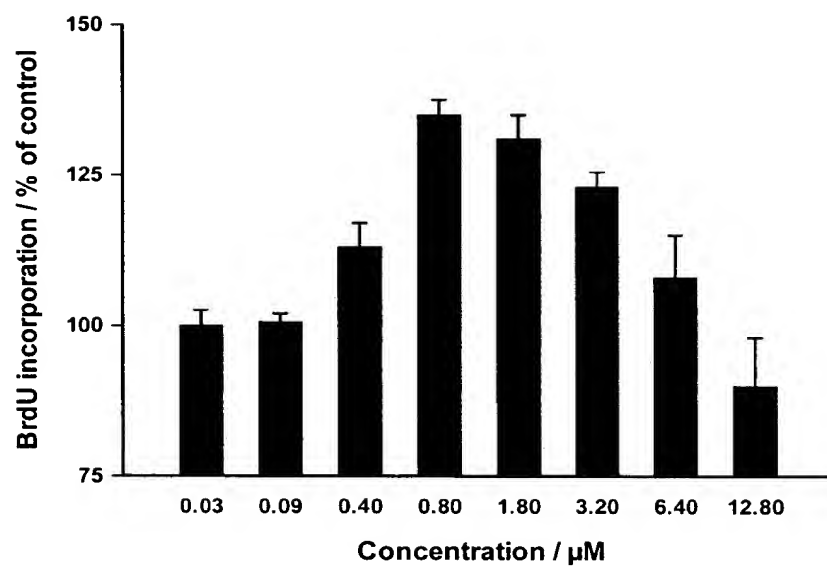
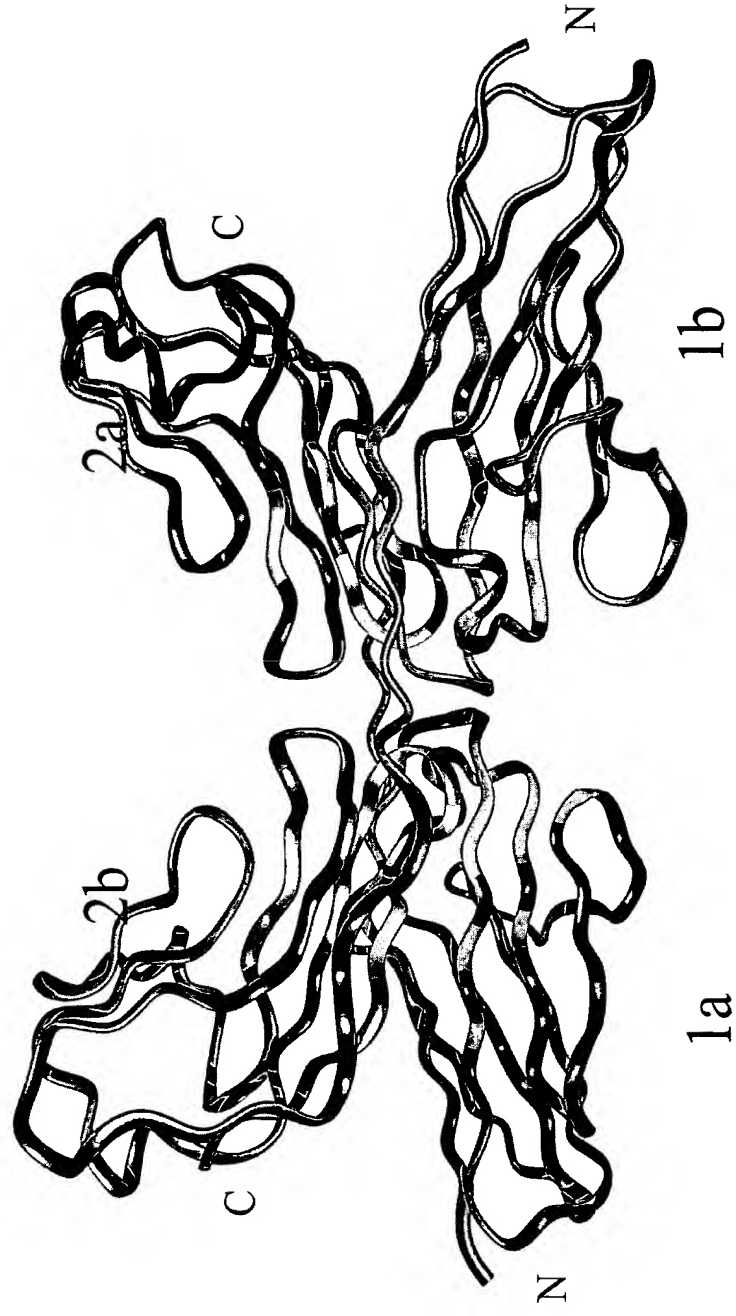


FIG. 17

1 MLQTKDLIWT LFFLGTA VSL QVDIVPSQGE ISVGESKFFL CQVAGDAKDK DISWFSPNGE
61 KLTPNQQRIS VVWNDDSSST LTIYNANIDD AGIYKCVVTG EDGSESEATV NVKIFQKLMF
121 KNAPTPQEFR EGEDAVIVCD VVSSLPPTII WKHKGRDVIL KKDVRFIVLS NNYLQIRGIK
181 KTDEGTYRCE GRILARGEIN FKDIQVIVNV PPTIQARQNI VNATANLGQS VTLVCDAEGF
241 PEPTMSWTKD GEQIEQEEDD EKYIFSDDSS QLTIKKVDKN DEAEYICIAE NKAGEQDATI
301 HLKVFAPKPI TYVENQTAME LEEQVTLTCE ASGDPIPSIT WRTSTRNISS EEKTLDGHMV
361 VRSHARVSSL TLKSIQYTDA GEYICTASNT IGQDSQSMYL EVQYAPKLQG PVAVYTWEGN
421 QVNITCEVFA YPSATISWFR DGQLLPSSNY SNIKIYNTPS ASYLEVTPDS ENDFGNYNCT
481 AVNRIGQESL EFILVQADTP SSPSIDQVEP YSSTAQVQFD EPEATGGVPI LKYKAEWRAV
541 GEEVWHKWKY DAKEASMEGI VTIVGLKPET TYAVRLAALN GKGLGEISAA SEFKTQPVQG
601 EPSAPKLEGQ MGEDGNSIKV NLIQDDGGS PIRHYLVRYR ALSSEWKPEI RLPSSGSDHVM
661 LKSLDWNAEY EVYVVAENQQ GKSKAAHFVF RTSAQPTAIP ANGSPTSGLS TGAIVGILIV
721 IFVLLL VVVD ITCYFLNKCG LFMCIAVNLC GKAGPGAKGK DMEEGKAAFS KDESKEPIVE
781 VRTEEERTPN HDGGKHTEPN ETTPLTEPEK GPVEAKPECQ ETETKPAPAE VKTVPNDATQ
841 TKENESKA

Fig. 18 A



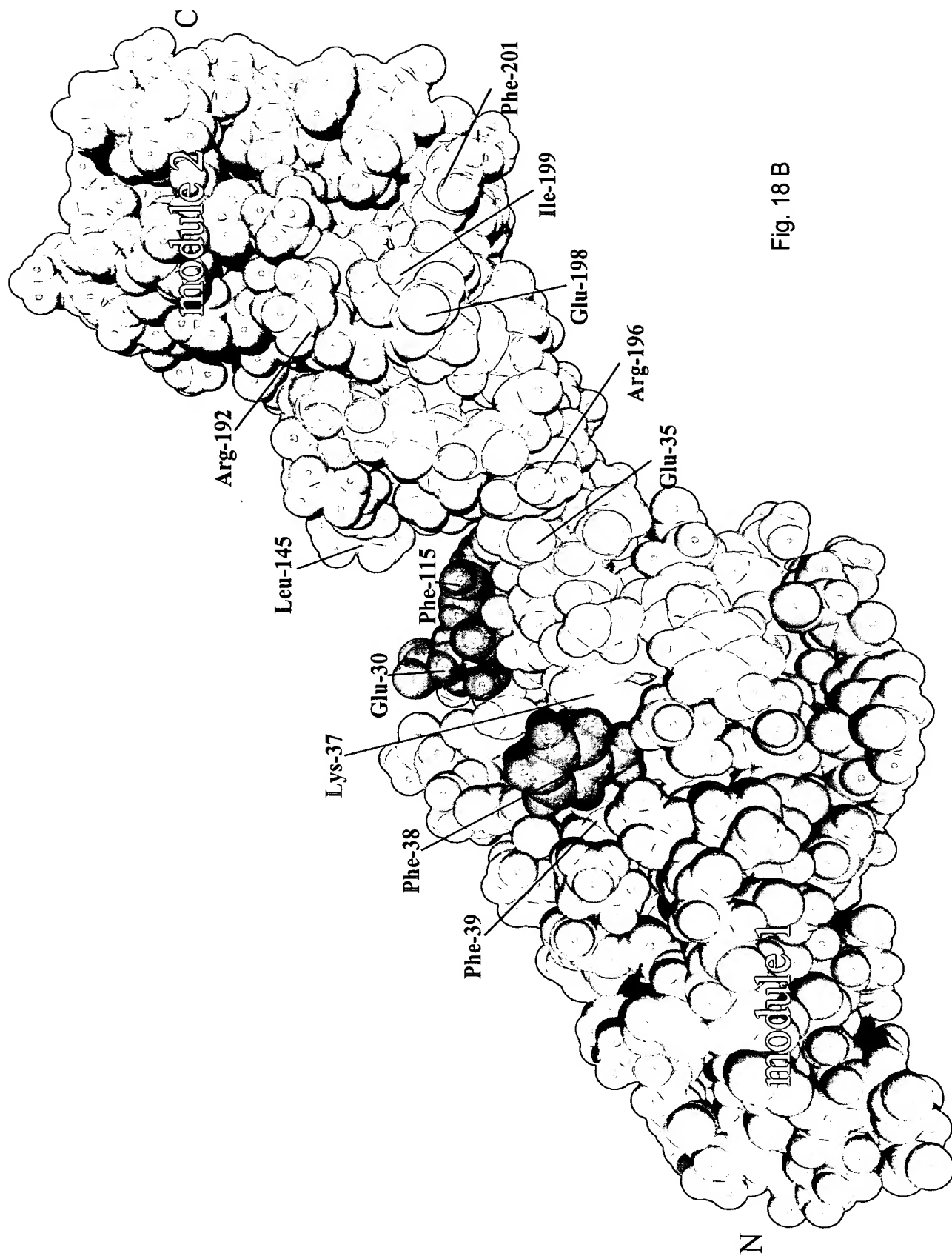


Fig. 18 B

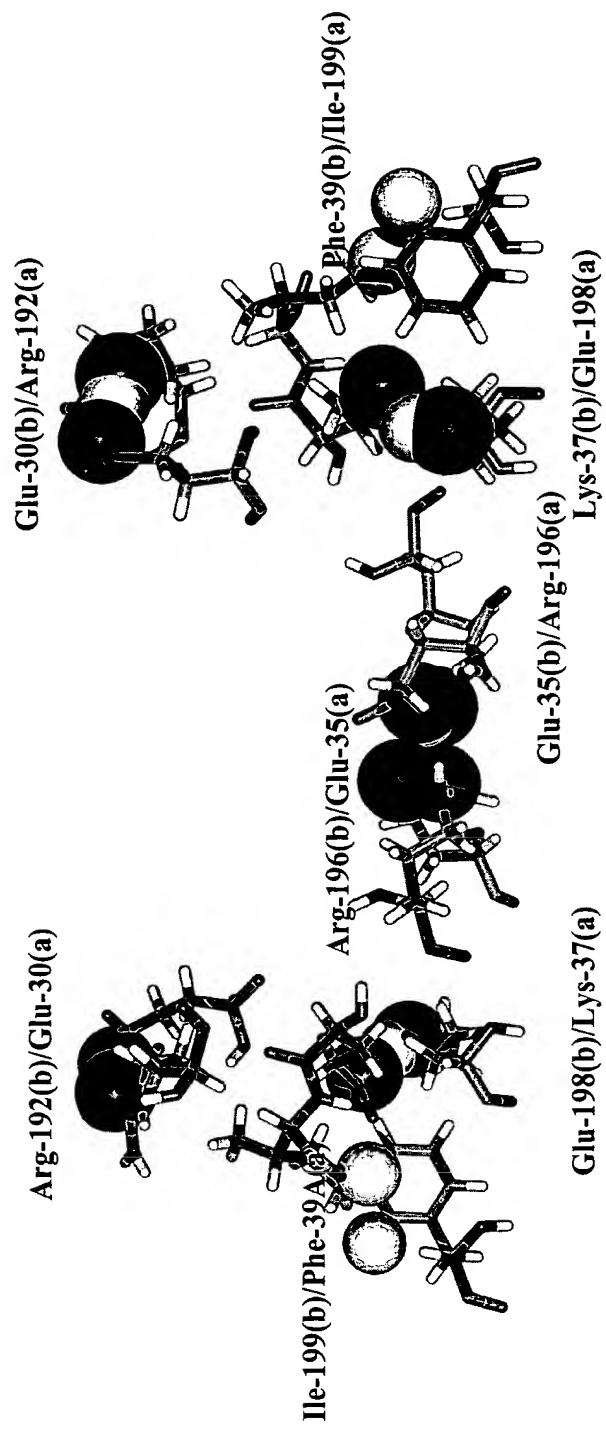


Fig. 18 C

Fig. 19

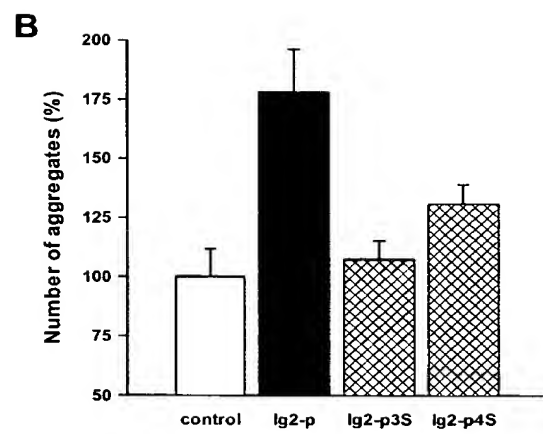
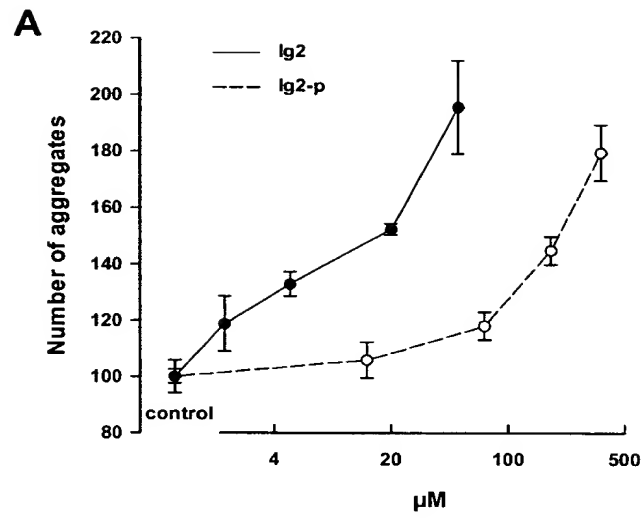


Fig. 20

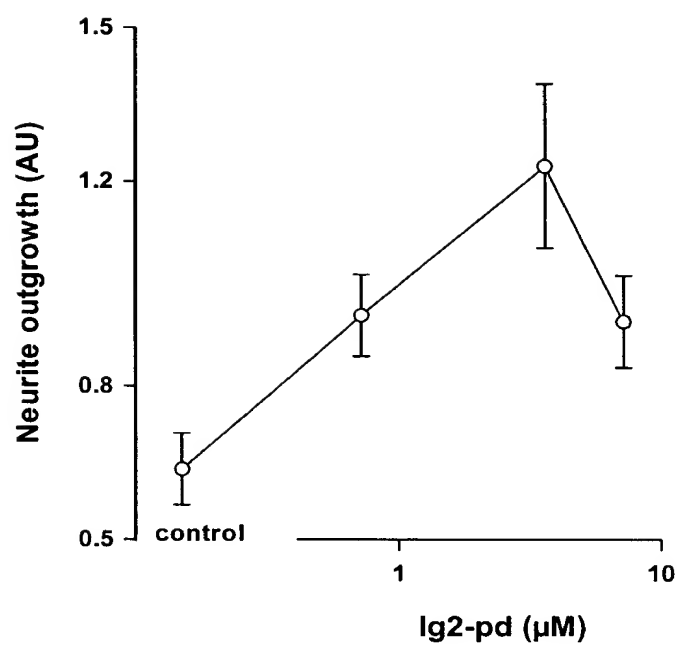
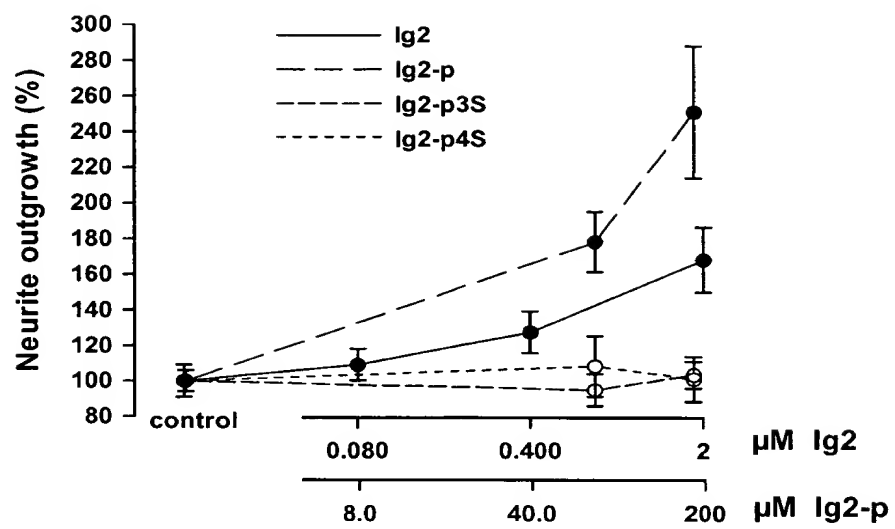


Fig. 21



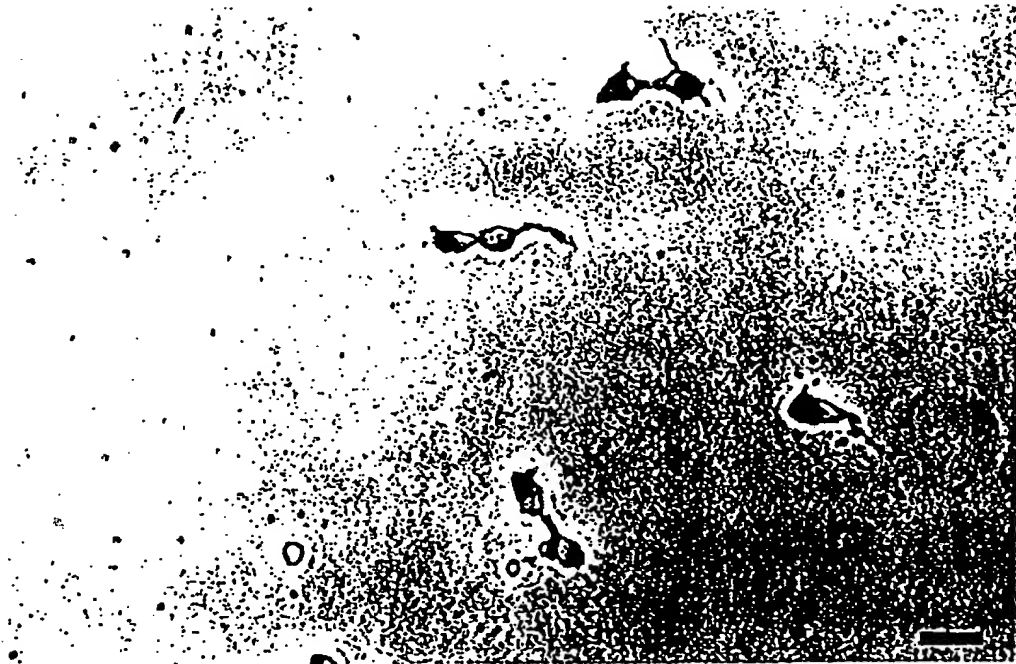


FIG. 22A

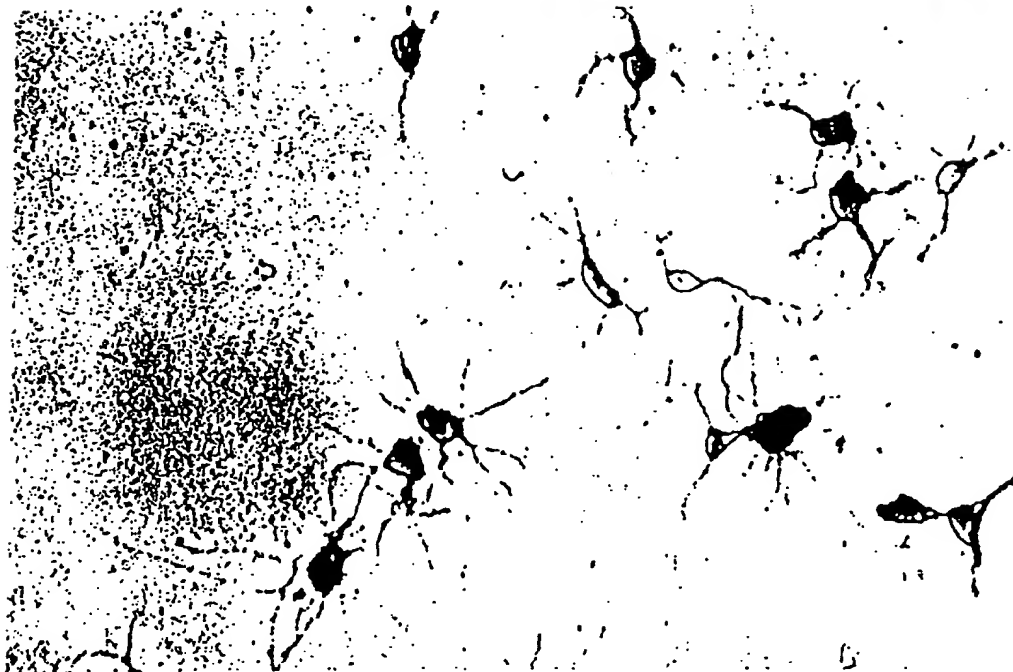


FIG. 22B

Fig 23

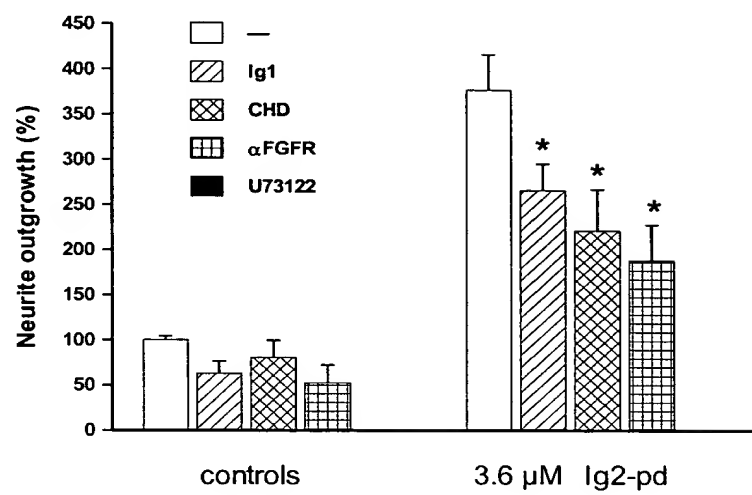


Fig. 24

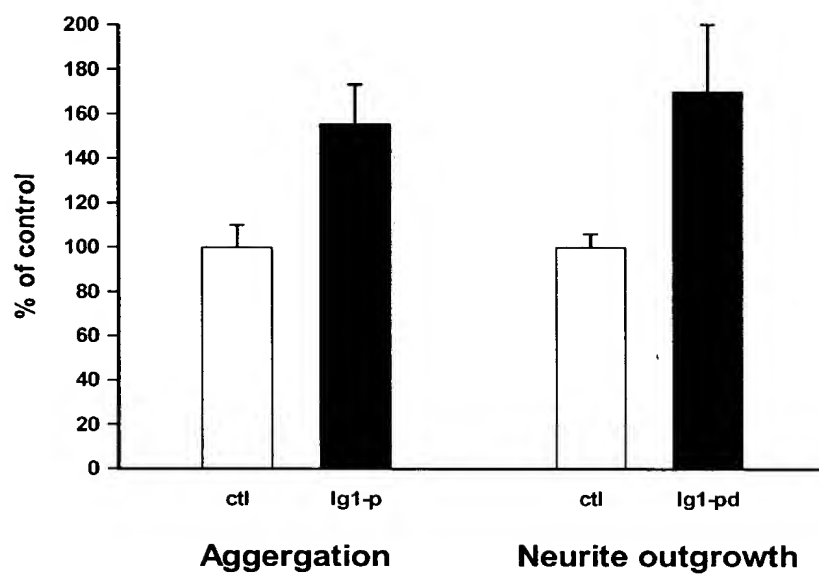
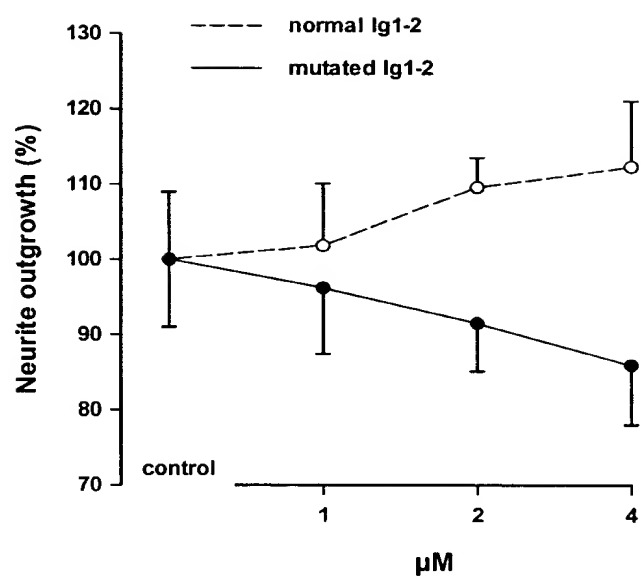


Fig. 25



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